Mine Warfare

- NMORA HQ 0282 Project Officer:

  CAPT (sel) Brian Miller
- CNMOC Liaison: CDR Ken Schwingshakl
- CMWC Liaison: LCDR Peter Smith et al
- NAVO Liaison: Mr. (LCDR) Mark Null

Mine Warfare

Vision

Develop a cadre of Naval Meteorology and Oceanography Reserve Program personnel with expertise in Mine Warfare METOC applications in order to effectively augment the Commander, Mine Warfare Command and his forces.

Mine Warfare

- Vision seeks to:
  - Support Sea Power 21 (Sea Shield)
  - Support total force integration
  - Support a viable mission area for the METOC reserve program
  - Alleviate work back log/excess at CMWC

Mine Warfare

- History of METOC support
  - Senior surface 1805 billet in CMWC HQ unit, gapped prior to 1999, filled 1999-2002
  - Mainly used to augment for HURREX/real world Tropical season and to backfill/deploy for UFL
  - Much CMWC reserve support was underutilized, new realignment numbers drastically reduced
  - No official METOC reserve support, some support continues via NMORA HQ 0282

Mine Warfare

- Utilization of the METOC reserve in MIW
  - Q-Route Survey Analysis
  - Exercise Planning
  - Mine Warfare Training Center (MWTC)

Mine Warfare

- Q-Route survey analysis involves:
  - Examining current Q-Routes and recent survey information
  - Recommending improved Q-Route location
  - Much work to do here. A branch within the N37 (METOC) division will likely be stood up for this purpose.

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- Exercise support (augment op-det)
  - Support for RONEX/GOMEX
  - Conducting pre-deployment briefings for Mine Warfare Ready Groups (MIWRGs)
  - Data processing requirements during exercise/future war room support
  - Acquisition and analysis of post-deployment feedback

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- **Mine Warfare Training Center support would involve assisting with lesson plan preparation and possibly teaching the METOC portion of the Core Course**

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- **Employment vision:**
  - **Could eventually employ 3 (1 Officer/Chief and 2 AG) METOC reservists per weekend**
  - **10 to 15 METOC reservists working in teams, each team working about 1 weekend per month**
  - **5 additional sailors in the training pipeline**
  - **Much of work traditionally done at CMWC**
  - **Some work might be done at NAVO or on deployment**

NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND

Mine Warfare

- Basic requirements/qualifications
  - SECRET clearance
  - Mine Countermeasures MEDAL (MIW and Environmental Decision Aids Library) Supervisor Course
  - Do an initial two week AT at CMWC to become familiar with the work
  - Commit to 3 (?) years beyond training phase for CMWC return on investment

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- Additional training opportunities
  - METOC Support for MIW (1 day) NMOPDD LANT/PAC (not yet developed)
  - MIW Core Course (2 weeks) MWTC
  - MIW Countermeasures Planning Officer (2 weeks) MWTC
  - Become proficient at bottom mapping (NAVO)

Mine Warfare

- Action items
  - Complete CONOPS this FY (now in formative stage)
  - Complete data base of interested sailors/backgrounds this FY
  - Begin sending sailors to schools/CMWC in FY 05
  - Continue close liaison with the AC and key civilian expertise